



Bhawesh Kumar



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Buffalo Grove, IL



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Professional Summary

Seasoned Architect with over two decades of experience driving digital transformation through cloud modernization, DevOps practices, and enterprise governance. Demonstrated expertise in architecting scalable, resilient systems using AWS. Skilled in implementing data governance, disaster recovery strategies, and enterprise-wide monitoring frameworks. Collaborative leader with a track record of mentoring global teams and delivering solutions aligned with organizational goals.

Core Competencies

- **Cloud Migration & Management:** Expertise in AWS, optimized cloud infrastructure for cost and performance.
- **Data Governance:** Established frameworks ensuring data security, compliance, and integrity.
- **Solution Architecture:** Designed scalable systems using microservices and APIs.
- **IT Roadmap:** Led strategic technology roadmaps aligned with business goals.
- **Governance & Compliance:** Enforced standards ensuring reliability and security.
- **Cost Optimization:** Reduced expenses via serverless and cloud transformations.
- **System Integration:** Integrated enterprise systems for enhanced functionality.
- **Standards Development:** Developed IT guidelines ensuring quality and consistency.
- **Business Alignment:** Aligned technical strategies with organizational goals.
- **Risk Management:** Built proactive monitoring systems reducing downtime.

Technical Skills

AWS, Azure, Terraform, CloudFormation, CodePipeline, Java, C#, Python, TypeScript, Docker, ECS, EKS, SQL, NoSQL, ES, Redis, React, Redux, Angular, GraphQL, REST, SOAP, ORM, SAML, IAM, OAuth2, JWT

Education

Master of Computer Application	2000-2003
IGNOU, Delhi, India	
Bachelor of Commerce	1995-1998
Delhi University, Delhi, India	

Experience

Senior Principal Software Architect

Morningstar Investment Management LLC, Chicago IL

March 2021 – Present

- Design and Architected financial advisory software systems, enabling a 30% increase in processing efficiency.
- Ensuring data integrity and compliance by developing and enforcing governance and security standards, resulting in zero compliance violations in three years.
- Chaired the Architecture Review Board, defining technology standards and best practices, leading to 25% faster project rollouts.
- Developed and executed tactical and strategic technology roadmaps in collaboration with senior leadership, enhancing alignment with business objectives.
- Spearhead the design of scalable, reliable, and high-performance software systems leveraging AWS cloud technologies.
- Mentor engineering teams, evangelizing innovative technologies and methodologies.
- Led innovative proof-of-concept solutions, accelerating the adoption of emerging technologies organization-wide.
- Directed the migration of legacy applications to AWS Cloud, reducing hosting costs by 35% annually.
- Implemented CI/CD pipelines with Terraform, improving deployment frequency by 40%.

Software Architect/Manager

SPR Consulting LLC, Chicago IL

May 2014 – February 2021

- Led the migration of three applications to AWS, including one from PCF, resulting in \$2M savings in license and platform costs.
- Transformed legacy monolithic applications into serverless architectures, saving over \$1M in VM and license costs.
- Architected microservices solutions using AWS Lambda and the Serverless framework, ensuring high availability and scalability.
- Implemented containerization using Docker, with exposure to Kubernetes for orchestration.



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Certifications

HashiCorp Certified: Terraform Associate (003), 2024
AWS Certified Solution Architect Professional, 2021
AWS Certified DevOps Professional, 2021
Microsoft Certified Azure Data Fundamentals, 2021
Microsoft Certified AI Fundamentals, 2021
Microsoft Certified Azure Fundamentals, 2021
Scrum.org Professional Scrum Master I, 2019
Microsoft Certified Azure Sol. Arch. Expert, 2019
AWS Certified Sol. Architect Associate, 2019
AICPCU, INS21 American Insurance, 2008
Microsoft Certified Professional .NET 2.0, 2007

Additional Information

- Fluent in English and Hindi
- Frequent speaker and contributor to AWS-related forums and YouTube channel (AWSCloudBytes).

Social Profile Links

- LinkedIn
<https://www.linkedin.com/in/bhaweshkumar/>
- YouTube
<https://www.youtube.com/c/AWSCloudBytes>

References

Available upon request

- Established and managed cloud infrastructure, reducing hosting costs while improving system performance and reliability.
- Established branching, CI/CD, and Release strategies.
- Efficiently managed and reduced cloud hosting costs for multiple clients.
- Design & Architecture of several projects (> \$20M).

Senior Manager – Projects

Cognizant Technology Solutions, Chicago, IL

March 2013 – April 2014

- Led architecture for commercial credit card back-office processing applications, improving efficiency and scalability.
- Collaborated with stakeholders to develop architectural designs and present to leadership for review and approval.
- Built and mentored cross-functional teams, enhancing project delivery and reducing hiring costs.

Architect

Fiserv Inc, Chicago IL

April 2012 – March 2013

- Designed and architected life insurance applications for major insurance providers, improving system efficiency and customer experience.
- Developed custom server-side session and cache management, optimizing application performance.

